

Subject: Maths

Class: 7

Topic: Multiplication of a Decimal Number by a Whole Number

Levels: Basic, Intermediate, Advanced

Level: Basic

1. Multiply 2.5 by 4. Answer: ? _____
2. Calculate: $0.8 \times 7 =$ _____
3. If one chocolate costs ? 10.5, find the cost of 2 chocolates. Answer: ? _____
4. Find the product of 1.2 and 5. [?] Answer: _____
5. Multiply: $4.32 \times 10 =$ _____
6. What is 0.05 multiplied by 9? Answer: _____
7. A pen costs ? 5.50. How much will 3 pens cost? Answer: ? _____
8. Solve: $1.11 \times 6 =$ _____
9. Find the value of 0.25 ? 4. [?] Answer: _____
10. Multiply 15.3 by 2. Answer: _____

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Level: Intermediate

1. Rohan buys 12 kg of rice at ₹ 45.5 per kg. Total cost = ₹ _____
2. Solve: $24.65 \times 15 =$ _____
3. A car travels 15.5 km in 1 liter of petrol. How far will it go in 8 liters? _____ km
4. Find the area of a square tile with side length 0.85 m. [m^2] Answer: _____ sq.m
5. Multiply: $105.7 \times 4 =$ _____
6. If a notebook costs ₹ 32.75, find the price of 6 such notebooks. Answer: ₹ _____
7. Calculate the perimeter of an equilateral triangle with side 4.2 cm. Answer: _____ cm
8. Solve: $0.008 \times 25 =$ _____
9. A bag of flour weighs 5.25 kg. What is the weight of 14 such bags? Answer: _____ kg
10. Multiply: $62.4 \times 11 =$ _____

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Level: Advanced

1. A wire is cut into 24 pieces. Each piece is 1.25 m long. Original length = _____ m
2. Solve for x : If $x = 12.45 \times 45$, then $x =$ _____
3. The radius of a circle is 7 cm. Find $2\pi r$ (Take $\pi = 3.14$). Answer: _____
4. An iron rod costs ₹ 125.50 per meter. Find the cost of 18 meters. Answer: ₹ _____
5. If a tap leaks 0.35 liters of water per hour, how much is wasted in 2 days (48 hours)? _____ L
6. Find the product: 456.12×12 . [?] Answer: _____
7. A worker earns ₹ 540.75 per day. How much does he earn in 26 days? Answer: ₹ _____
8. Solve: $(2.5 + 1.5) \times 10.5 =$ _____
9. A gold chain weighs 18.655 grams. Find the weight of 8 such chains. Answer: _____ g
10. Challenge: Multiply 0.0045 by 120. [?] Answer: _____